The Ease of Listening

The fully active 3D-13 loudspeaker is the 21st century technology answer to stereo listening. This single enclosure completely replaces the more conventional pair of Hi-Fi stereo loudspeakers, and brings a new dimension to listening to stereo audio in any listening environment.

This speaker is for all those who have **no room** for two loudspeakers and/or for those who never actually sit at the apex of the **stereo triangle,** and for that reason hear predominantly only one speaker. It is very simple to install, and because of its extremely compact design it can also be quickly moved for use elsewhere.

The 3D speaker transmits sound in **all directions**; it "floods the room with music": hence "3D speaker". Special circuit technology – first described in 1931 and recently developed by the English company **airSOUND®** and **ELAC** – converts the stereo signal into the **mono part** (R+L) and the **3D part** (R-L), which is emitted via the side speakers of the 3D speaker in a dipole arrangement. The centre speaker transmits the mono part.

The thoroughly three-dimensional sounds scape fills the whole room very evenly, so the 3D speaker can be **set up virtually anywhere** (including hanging on the wall) and the **listening position** can also be selected at **complete liberty** (stereo triangle a thing of the past). Relax and enjoy the full, satisfying, three-dimensional sound. The volume, the bass level and the 3D/mono ratio of the transmitted music signal **can all be adjusted**. The mono element can also be passed on to an **external sub-woofer** via a RCA jack on the back of the unit.
The trick is that seats located directly in front of the in the 3D speakers offer hi-fi stereo fans a perfect **stereo panorama**, irrespective of the position of the adjacent walls – so the 3D speaker is not a sound projector that relies on reflections.

It is possible to set up a digital **surround-sound system** with two 3D speakers (one out front and one at the back of the room).

There are phono **connections** for notebooks (sound card), streaming servers, MP3 players or mobile phones with integrated MP3 players (mini phone jack on the front) and of course the classic CD or DVD player, or even flat-screen TVs.
As a special feature the **3D SPEAKER BT** has a **Bluetooth®** interface (A2DP), for wireless connection to notebooks, MP3 players or “MP3 mobiles", provided that they support the high quality audio format (A2DP) of the Bluetooth® interface.

The **power supply** for the 3D speaker is provided by means of an external notebook switching power supply.

Colours: High-gloss black and white, special paint finish

Specifications:

Dimensions (H x W x D)	136 x 338 x 156 mm	Max. amplifier power	3 channels: 35 W (pulse), 25 W (sine) per channel
Weight	5.4 kg	S/N (A-weighted)	> 100 dB (A) rel. to full output
Gross Volume	7.2 l	Input sensitivity	Line inputs: 200 mV each
Principle	3 channels: 2-way fully active, each	Stereo inputs	RCA, phone jack 3.5 mm, Bluetooth wireless technology. (A2DP, HFP, AVRCP)
Woofer	3 x180 mm AS cone	Input impedance	25 k Ohms
Tweeter	3 x 19 mm ringdome, Ferro fluid cooled	Outputs	1 x line output for subwoofer (sum signal L + R, unfiltered)
Frequency range (IEC 268-5)	53 – 25.000 Hz	Mains voltage	90...240 V/50...60 Hz
Crossover Technology	3,200 Hz	Power consumption, full output	100 W